1. (Three Times Amended) An image processing method for converting data dependent on a first illuminating light into data dependent on a second illuminating light, comprising the steps of:

storing conversion data for plural illuminating lights having different characteristics;

selecting two or more illuminating lights from the plural illuminating lights according to the second illuminating light;

generating data indicating a proportion of synthesis of conversion data for the selected plural illuminating lights, corresponding to the second illuminating light;

generating a conversion condition from the conversion data for the selected plural illuminating lights according to the data indicating the proportion of synthesis; and

converting data dependent on the first illuminating light into data dependent on the second illuminating light using color temperature information of the conversion condition and the second illuminating light.

2. (Amended) An image processing method according to claim 1, wherein the plural illuminating lights are different in color rendering property.

3. (Amended) An image processing method according to claim 1, wherein data indicating proportions of plural syntheses are stored in advance according to kinds of illuminating light.

4. (Amended) An image processing method according to claim 3, wherein the kind of the second illuminating light is designated by a user and the data indicating the proportion of synthesis are selected according to the designated kind of the second illuminating light.

5. (Amended) An image processing method according to claim 1, wherein the data indicating the proportion of synthesis are generated according to a manual instruction of a user.

6. (Amended) An image processing method according to claim 1, wherein the data indicating the proportion of synthesis are generated according to an output from a sensor for measuring illuminating light.

7. (Amended) An image processing method according to claim 1, wherein the conversion data are matrix data.

8. (Three Times Amended) An image processing apparatus for converting data dependent on a first illuminating light into data dependent on a second illuminating light, comprising:

a data storing unit for storing conversion data for plural illuminating lights having different characteristics;

a processor for selecting two or more illuminating lights from the plural illuminating lights according to the second illuminating light;

an instructing unit for generating data indicating a proportion of synthesis of conversion data for the selected plural illuminating lights, corresponding to the second illuminating light;

a calculating unit for generating a conversion condition from the conversion data for the plural selected illuminating lights according to the data indicating the proportion of synthesis; and

a converting unit for converting data dependent on the first illuminating light into data dependent on the second illuminating light using color temperature information of the conversion condition and the second illuminating light.

9. (Three Times Amended) A computer readable recording medium storing a program for converting data dependent on a first illuminating light into data dependent on a second illuminating light, said program comprising the steps of:

storing conversion data for plural illuminating lights having different characteristics;

selecting two or more illuminating lights from the plural illuminating lights according to the second illuminating light;

generating data indicating a proportion of synthesis of conversion data for the selected plural illuminating lights, corresponding to the second illuminating light;

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generating a conversion condition from the conversion data for the selected plural illuminating lights according to the data indicating the proportion of synthesis; and

converting data dependent on the first illuminating light into data dependent on the second illuminating light using color temperature information of the conversion condition and the second illuminating light.

19. (New) An image processing method for converting data dependent on a first illuminating light into data dependent on a second illuminating light, comprising the steps of:

storing conversion data for plural illuminating lights having different characteristics;

selecting two or more illuminating lights from the plural illuminating lights according to the second illuminating light;

generating data indicating a proportion of synthesis of conversion data for the selected plural illuminating lights, according to a manual instruction input by a user;

generating a conversion condition from the conversion data for the selected plural illuminating lights according to the data indicating the proportion of synthesis; and

converting data dependent on the first illuminating light into data dependent on the second illuminating light, based on the conversion condition.

20. (New) An image processing method according to 19 further comprising a step of inputting the manual instruction by the user using a user interface,

wherein the user interface displays a patch that has been converted using the conversion condition.

21. (New) An image processing method according to 19 further comprising a step of inputting the manual instruction by the user using a user interface,

wherein the user interface displays an original image that has been converted using the conversion condition.

22. (New) An image processing apparatus for converting data dependent on a first illuminating light into data dependent on a second illuminating light, comprising:

a data storing unit for storing conversion data for plural illuminating lights having different characteristics;

a processor for selecting two or more illuminating lights from the plural illuminating lights according to the second illuminating light;

an instructing unit for generating data indicating a proportion of synthesis of conversion data for the selected plural illuminating lights, according to a manual instruction input by a user;

a calculating unit for generating a conversion condition from the conversion data for the selected plural illuminating lights according to the data indicating the proportion of synthesis; and

a converting unit for converting data dependent on the first illuminating light into data dependent on the second illuminating light, based on the conversion condition.